Philips 7000 series
Smart LED TV with
Ambilight Spectra 2 and
Pixel Precise HD

117 cm (46")
3D Max DVB T/C/S2

46PFL7007K

Be part of the action!

Enjoy Full HD 3D and Smart TV with Ambilight

Experience a world of content with a Philips 46PFL7007 3D Smart LED TV. Enjoy endless possibilities of Smart TV Premium, combined with the unique remote control and its integrated keyboard.

Enjoy a world of content with Smart TV Premium

- Integrated Wi-Fi to use Smart TV wirelessly
- A wealth of online apps, videos to rent and catch-up TV
- Control the TV with your smart phone, tablet or keyboard
- Find, schedule, record & pause TV
- Watch TV wherever you like at home with Wi-Fi smart screen*
- Make voice and video calls with Skype™ on your TV

Breathtaking performance

- Ambilight Spectra 2-sided intensifies the viewing experience
- 3D Max Clarity 700 for stunning Full HD 3D experience
- Enjoy any 2D content in flawless 3D at a push of a button
- Unique 3D depth adjustment to view 3D the way you like it
- Unique Two Player Full Screen Gaming mode for your 2D games
- Full HD TV with Pixel Precise HD for details in action
- 800Hz Perfect Motion Rate (PMR) for superb motion sharpness

SmartTV Premium

A

PHILIPS
sense and simplicity

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Highlights

Ambilight Spectra 2

Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light from 2 sides of the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the color and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the color of the light is perfect, regardless of your wall color.

3D Conversion

Watch your entire movie collection in vivid and flawless 3D – even old black-and-white classics. Philips offers real-time high-quality conversion of any 2D content at the push of a button. It ensures that subtitles are shown at a constant depth and that there are no errors such as the background appearing in the foreground.

3D Depth Adjustment

Everyone perceives 3D differently. This is why Philips offers you the possibility of customizing the 3D depth level to your personal liking. The unique 3D depth adjustment allows you to choose the image depth that best suits the content on-screen and your personal preference. This also makes it more comfortable for your eyes. Now you can fully enjoy the 3D experience.

Two Player Full Screen Gaming

With Philips 3D glasses, your TV can deliver the ultimate Two Player Full Screen Gaming experience. In 2D two-player games, each gamer usually sees their game on half the screen. Using 3D technology, each player can now enjoy the game in 2D in full screen at the same time, with just a click of a button on the glasses.

Pixel Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the high definition picture quality to the next level with 4 trillion colours. With Super Resolution, Pixel Precise HD now brings you the best HD TV picture quality whether you are watching a video from the internet or good quality Blu-ray movies.

800Hz Perfect Motion Rate

800Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for even clearer and more vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, Perfect Natural Motion and unique processing formula, for unprecedented motion sharpness.

Skype™ on your TV

Add a new dimension to your calls and share experiences with the people that matter to you, wherever they are. With Skype™ on your TV, make voice and video calls from your living room. Just plug in the optional Philips TV camera (PTA317/00) to your TV and enjoy excellent video and sound quality from the comfort of your couch.

Smart TV Premium

A world of content for you. Enjoy the freedom to watch your program on a tablet, smart phone or TV.
With the new Smart TV home screen, access a broad selection of apps easily.
With Wi-Fi smart screen*, your iPhone/ iPad interacts wirelessly with your Philips Smart LED TV so that you can easily pull digital TV towards the device and enjoy your favorite shows anywhere at home!
Also, you can pause your TV program easily - simply connect a USB hard disk to your TV and record digital TV broadcasts.

Philips MyRemote App

The Philips MyRemote App is a smart app to organize your TV viewing experience around you.
Enjoy a great variety of possibilities: browse through the Program Guide on your tablet whilst watching TV. Additional features like easy text entry, volume and program control as well as pushing pictures, videos or music to your TV really turn your smart devices into smart remote controls. Download the MyRemote App now from the iTunes App Store or Android Market.

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Specifications

Ambilight
- Ambilight Version: 2 sided
- Ambilight Features: Wall colour adaptive, Lounge light mode

Picture/Display
- Display: LED Full HD
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920x1080p
- 3D: 3D Max Clarity 700, 2 Player Full Screen Gaming*, 3D Depth adjustment, 2D to 3D conversion
- Aspect ratio: 16:9
- Brightness: 400 cd/m²
- Dynamic screen contrast: 500.000:1
- Picture enhancement: Pixel precise HD, 800 Hz Perfect Motion Rate, Micro Dimming

CPU
- Processor type: Dual-Core

Smart TV Applications
- Net TV: Catch-up TV, Online Video stores, Open Internet browser, Online apps
- Control: MyRemote app (iOS & Android), USB Keyboard & Mouse support
- SimplyShare: DLNA media browser, USB media browser, WiFi Smart Screen
- Program: Pause TV, USB recording

Sound
- Output power (RMS): 40W (2 x 20W) @30%THD
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround
- Loudspeaker types: Soundstage stand enclosure

Connectivity
- Number of HDMI connections: 5
- Number of component in (YPbPr): 1 (adapter)
- Number of scarts (RGB/CVBS): 1 (adapter)
- Number of USBs: 3
- Wireless connections: WiFi Certified
- Other connections: Antenna IEC75, Antenna F-type, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), PC-in VGA + Audio L/R in, Headphone out, Service connector
- HDMI features: 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG

Supported Display Resolution
- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920x1080p

Convenience
- PC network link: DLNA 1.5 certified
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard, 2-in-1 Wallmount Stand
- Ease of Use: One-stop Home button, Onscreen Usermanual
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Remote Control: Full text keyboard

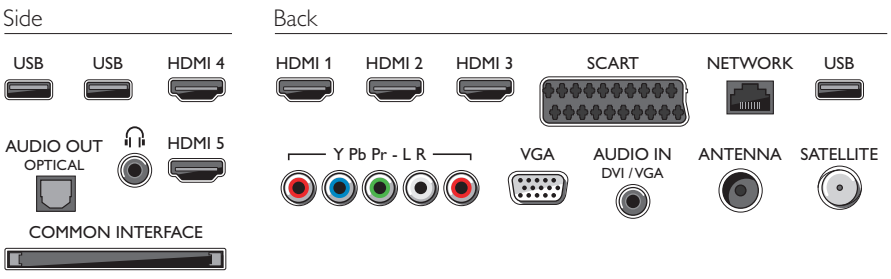
Tuner/Reception/Transmission
- Digital TV: DVB-C MPEG2*, DVB-C MPEG4*, DVB-S2 MPEG4 HD, DVB-T MPEG2*, DVB-T MPEG4*, DVB-S HD+ support (Astra)
- Video Playback: NTSC, PAL, SECAM
- LNB: 1 to 4 LNBs supported, DiSEq 1.0

Power
- Mains power: AC 220 - 240 V 50Hz
- Ambient temperature: 5 °C to 35 °C
- Energy Label Class: A
- Eu Energy Label power: 75 W
- Annual energy consumption: 104 kW·h
- Standby power consumption: <0.1 W
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)
- Off mode power consumption: < 0.01 W

Dimensions
- Set dimensions (W x H x D): 1042 x 599 x 29.8 mm
- Set dimensions with stand (W x H x D): 1042 x 665 x 206 mm
- Product weight: 14 kg
- Product weight (+stand): 17.4 kg
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included accessories: 1 x 3D Glasses, Power cord, Remote Control, Tabletop swivel stand, Quick start guide
- Optional accessories: Skype camera PTA317, 3D Glasses PTA517, 3D glasses PTA516, 3D Glasses PTA507

Connections



* Net TV: Visit www.philips.com/smarttv to discover the services offering in your country.
* Wi-Fi smart screen available via software update in autumn 2012
* Skype camera is sold separately
* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* Typical on-mode power consumption measured according to IEC62087 Ed 2.
* USB recording only for digital channels (country and channel restrictions may apply), not on analog broadcast or external inputs. Recordings may be limited by broadcast copy protection (CI+).

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